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434CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

COUNTRY Germany (Soviet Zone)

SUBJECT Development of Electronic Microscope at HF Werke

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1. A table size electronic microscope is under development in the HF Werke at Berlin-Oberschöneweide. It is a line-of-flux instrument and is fitted with permanent magnets. The resolving power at present is 5 my, but it will have a resolving power of 2 my.
2. Production of the UCH 81 tube, which had been hampered until now by heating filament troubles (heated to 100 milliamperes), has finally attained large scale production. In October 1953 12,700 tubes were manufactured. The UCH 81 has a rimlock socket.

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